



1. TITLE OF THE PROFESSION

07154001 Órás

2. TRANSLATED TITLE OF THE PROFESSION

Watch- and clockmaker
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- Recognises the escapement of watches and clocks;
- Performs strap replacement, glass replacement, polishing;
- Selects and procures the tools, instruments and machines needed to repair movements;
- Operates the machines and uses the hand tools required for repairing movements;
- Works (performs cutting, drilling, chipping, sawing, bending, filing, grinding) on the metal and plastic workpieces required for the repair of watches and clocks;
- Plans the range of products offered by the watch- and clockmaker's shop;
- Applies basic techniques in the repair of movements;
- Carries out the assembly, cleaning and oiling of watches and clocks;
- Identifies mechanical and electrical faults in watches and clocks, carries out maintenance and repairs;
- Applies the tools used for measuring movements and batteries;
- Carries out calculations regarding clock movements;
- Prepares acknowledgements of receipt;
- Participates in sales. Provides appropriate information and advice to customers at the time of purchase.

4. CLASSIFICATION OF THE VOCATIONAL TRAINING ACCORDING TO THE ISCED FIELDS OF EDUCATION AND TRAINING (ISCED-F)

0715 Mechanics and metal trades

(*) Explanatory notes:

¹ In the original language. | ² The translation of the designation is provided for information purposes only. | ³ Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

©European Union, 2002-2020 | europass.cedefop.europa.eu ©

5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the authority issuing the certificate</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry for Innovation and Technology</p>															
<p>Level of the certificate (national or international)</p> <p>NQF level: 4</p> <p>EQF level: 4</p> <p>Digital Competence Framework level: 4</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>															
<p>Certificate number: CXK A</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2024.04.03</p>	<p>Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3">written</td> </tr> <tr> <td>Theoretical knowledge of the repairing of clock movements</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="3">project exercise</td> </tr> <tr> <td>Practical workshop – repairing movements</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Result of the qualification examination</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> </table>	written			Theoretical knowledge of the repairing of clock movements	100%	5	project exercise			Practical workshop – repairing movements	100%	5	Result of the qualification examination	100%	5
written																
Theoretical knowledge of the repairing of clock movements	100%	5														
project exercise																
Practical workshop – repairing movements	100%	5														
Result of the qualification examination	100%	5														
<p>Access to next level of education/training</p>	<p>International agreements</p>															
<p>Other information concerning the vocational training process</p>																
<p>Legal basis</p> <p>Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 95/2021 (II. 27.) on the Amendment of Certain Government Decrees Relating to Vocational Education and Training and Adult Training, Government Decree 11/2020 (II. 7.) on the Implementation of the Act on Adult Education.</p>																

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of programme elements in percentage
Total duration of the education/training	360 hours
<p>Entry requirements:</p> <ul style="list-style-type: none">- Educational prerequisite: Secondary school-leaving certificate- Certificate of medical fitness: required <p>Further information:</p> <p>WRITTEN EXAMINATION EXERCISES Test (topics: history of the development of the clock, other periods of development; chronological positioning of the major stylistic periods; knowledge of the stylistic characteristics of periods and trends; identification of the major artists and works of a period, knowledge of the important dates) Essay-type questions (topics: parts of a clock movement; construction of a movement; how a movement works, solutions to movement problems, ways of correcting movement faults) Preparation of an acknowledgement of receipt Calculation task (spring sizing, wheel system calculation)</p> <p>PROJECT EXERCISES Assembly of a failed mechanical clock movement according to technical documentation (planning and following the procedures and steps; cleaning and oiling; carrying out the inspection according to the technical specifications) Oral discussion on a given technical topic: history of watch development; escapement movements in clocks; repair and assembly tasks in practice; assembly process of large watches</p> <p>You can find more information on the Programme and System Requirements in the following link: https://ikk.hu This certificate supplement was elaborated in accordance with the programme requirements registered by the minister responsible for VET.</p> <p>National Reference Point: National Office of Vocational Education and Training and Adult Learning: https://nrk.nive.hu</p>	

Head of Examination Organiser:
Issue date: 2024.04.03

SEAL